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Gelinas *et al.*
Appl. No. 09/591,510
Amendment dated 04/02/04
Reply to Not. of Non-Comp. Amend. dated 02/03/04

Amendments to the Specification (Abstract)

Please replace the Abstract (on page 19 of the application as originally filed) with the following amended Abstract:

Systems and methods that allow for performing a single transaction that both ~~commands~~ instructs a device to perform an ~~action~~ operation and return the ~~result~~ resulting data to a processor without the processor having to send a separate request for the result. In accordance with the systems and methods, a bus controller generates a system bus operation that sends (to the device) a thread identifier and a data request formulated in one thread by a processor that context switches to a second thread. ~~In addition, a processor may perform a context switch switching between threads using separate context registers. A context switch allows a processor to switch from processing a thread that is waiting for data to one that is ready for additional processing.~~